

SEQUENCE LISTING



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JAGGI, MANU
PRASAD, SUDHANAND
BURMAN, ANAND C

<120> NOVEL PEPTIDE ANALOGS FOR THE TREATMENT OF CANCER

<130> U012104-2

<140> 09/248,382

<141> 1999-02-11

<150> 343/DEL/98

<151> 1998-02-11

<160> 29

<170> PatentIn Ver. 2.0

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<211> 8

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: This peptide
was synthetically generated.

<400> 1

Leu Met Tyr Pro Thr Tyr Leu Lys

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<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: This peptide
was synthetically generated.

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<221> MOD_RES

<222> (1)

<223> /product = 2-amino-isobutyric acid/ label = Aib

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<222> (7)
<223> /product = 2-amino-isobutyric acid/ label = Aib

<400> 2
Xaa Met Tyr Pro Thr Tyr Xaa Lys
1 5

<210> 3
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: This peptide
was synthetically generated.

<220>
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<223> /product = D-leucine/ label = D-Leu

B,
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<222> (7)
<223> /product = 2-amino-isobutyric acid/ label = Aib

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was synthetically generated.

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Leu Met Tyr Pro Thr Xaa Leu Lys
1 5

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was synthetically generated.

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Leu Met Tyr Pro Thr Tyr Xaa Lys
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was synthetically generated.

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<223> /product = D-leucine/label = D-Leu

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glycine/label = Dxg

<400> 8
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1 5

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label = Dxg

B,
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<223> /product = Leucine N-ethylamide/label = Leu-NHet

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<210> 11
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Xaa Gln Trp Ala Val Gly His Leu
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<400> 12
Xaa Gln Trp Ala Val Xaa His Leu
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<210> 14

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<212> PRT

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<223> Description of Artificial Sequence: This peptide
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<223> Description of Artificial Sequence: This peptide
was synthetically generated.

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<210> 16

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<400> 16

Xaa Gln Trp Xaa Val Gly His Ile

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<210> 17

<211> 8

<212> PRT

<213> Artificial Sequence

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Xaa Gln Trp Ala Val Xaa His Ile

1

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<210> 18

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<212> PRT

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<221> MOD_RES

<222> (5)

<223> /product = D-phenylalanine/label = D-Phe

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<221> MOD_RES

<222> (7)

<223> /product = D-tryptophan/label = D-Trp

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<223> /product = D-tryptophan/label = D-Trp

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Xaa Pro Lys Pro Xaa Gln Xaa Phe Xaa Leu Leu

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glycine/label = Dxx

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was synthetically generated.

<220>
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B.
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<210> 22
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<222> (5)
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<221> MOD_RES
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Xaa Pro Lys Pro Xaa Gln Xaa Phe Xaa Xaa Leu
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<212> PRT
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<220>
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was synthetically genrated

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<220>
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<222> (5)
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<220>
<221> MOD_RES
<222> (7)
<223> /product = D-tryptophan/label = D-Trp

<220>
<221> MOD_RES
<222> (9)
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<400> 23
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<212> PRT
<213> Artificial Sequence

<220>
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was synthetically generated.

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<221> MOD_RES
<222> (3)..(14)
<223> product - note: disulfide bridges: 3-14

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<221> MOD_RES
<222> (14)
<223> /product = D-cysteine/label = D-Cys

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Ala Gly Cys Lys Asn Phe Phe Xaa Lys Thr Phe Thr Ser Xaa
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<210> 25
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: This peptide
was synthetically generated.

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<222> (2)
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<221> MOD_RES
<222> (8)
<223> /product = D-tryptophan/label = D-Trp

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<221> MOD_RES
<222> (13)
<223> /product = D-serine/label = D-Ser

<220>
<221> MOD_RES
<222> (3)..(14)
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was synthetically generated.

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<223> /product = D-phenylalanine/label = D-Phe

<220>
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<220>
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<223> /product = Ornithine/label = Orn

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<221> MOD_RES
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Xaa Cys Tyr Xaa Xaa Thr Xaa Thr

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5

<210> 27

<211> 8

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: This peptide
was synthetically generated.

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<221> MOD_RES

<222> (1)

<223> /product = D-phenylalanine/label = D-Phe

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<221> MOD_RES

<222> (4)

<223> /product = D-tryptophan/label = D-Trp

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<221> MOD_RES

<222> (7)

<223> /product = 2-amino-isobutyric acid/ label = Aib

<400> 27

Xaa Cys Tyr Xaa Lys Thr Xaa Thr

1

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<210> 28

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: This peptide
was synthetically generated.

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<221> MOD_RES

<222> (1)

<223> /product = D-phenylalanine/label = D-Phe

<220>
<221> MOD_RES
<222> (8)
<223> /product = Isoleucine N-ethylamide/label =
Ile-NHet

<400> 28
Xaa Gln Trp Ala Val Gly His Xaa
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<210> 29
<211> 8
<212> PRT
<213> Artificial Sequence

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was synthetically generated.

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<220>
<221> MOD_RES
<222> (8)
<223> /product = Leucine N-ethylamide/label = Leu-NHet

<400> 29
Xaa Gln Xaa Ala Val Gly His Xaa
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